

COOLING APPARATUS BOILING AND CONDENSING REFRIGERANT WITH
LOW HEIGHT AND EASILY ASSEMBLED

5

ABSTRACT OF THE DISCLOSURE

A cooling apparatus boiling and condensing a refrigerant is disclosed, wherein a heat-generating member mounted on the upper surface thereof can also be cooled. A plurality of intermediate plates (130A to 130E) are stacked between an upper plate (110) and a lower plate (120). A plurality of apertures (131 to 134) formed in the intermediate plates define a first space (140) for hermetically sealing the refrigerant and a second space (150) through which an external cooling fluid flows in proximity to the first space. A heat-generating member (10) is mounted on the outer surface of at least the lower plate, and heat is exchanged between the refrigerant heated and boiled by the heat-generating member and the external cooling fluid. An upper portion (150A) of the second space is formed in proximity to the inner surface of the upper plate.